



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Tomoko OHTSUKI

Group Art Unit: 2828

Application No.: 10/070,684

Examiner: L. Scott, Jr.

Filed: September 12, 2002

Docket No.: 112162

For: LASER DEVICE AND EXPOSURE METHOD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed with a Request for Continued Examination. No certification or fee is required.
- ☒ 2. The references were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. According to the Notification of Acceptance in this file, copies of the references are already in the PTO file. Thus additional copies of the references are not attached.

Respectfully submitted,

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MAC/ccs

Date: July 14, 2004

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112162		APPLICATION NO. 10/070,684	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Tomoko OHTSUKI			
				FILING DATE September 12, 2002		Group Art Unit: 2828	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	5,838,709	11/17/1998	Owa			
	2	5,745,284	04/28/1998	Goldberg et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	3	JP A 8-334803	12/17/1996	Japan			
	4	JP A 9-148658	06/06/1997	Japan			
	5	JP A 11-160746	06/18/1999	Japan			
	6	EP 0 919 852 A1	06/02/1999	Europe			
	7	JP A 3-88379	04/12/1991	Japan			
	8	JP A 10-339891	12/22/1998	Japan			
	9	JP A 11-52443	02/26/1999	Japan			
	10	EP 1 063 742 A1	12/27/2000	Europe			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	11	Petrov et al., "Vacuum ultraviolet application of $\text{Li}_2\text{B}_4\text{O}_7$ crystals: Generation of 100fs pulses down to 170nm" JOURNAL OF APPLIED PHYSICS, vol. 84, no. 11, December 1, 1998, pp. 5887-5892.					
	12	Yoshimura et al., "Noncritically phase-matched frequency conversion in $\text{Cd}_x\text{Y}_{1-x}\text{Ca}_4\text{O}(\text{BO}_3)_3$ crystal", OPTICS LETTERS, vol. 24, no. 4, February 15, 1999, pp. 193-195.					
	13	Zhang-Gui Hu, et al., "A New Nonlinear Optical Borate Crystal $\text{K}_2\text{Al}_2\text{B}_2\text{O}_7(\text{KAB})$ ", JAPANESE JOURNAL OF APPLIED PHYSICS, vol. 37 (1998), No. 10 A, (Part 2 Letters), October 1, 1998, pp. L1093-L1094.					
	14	Zhang et al., "Growth and noncritical phase-matching third-harmonic-generation of $\text{Gd}_x\text{Y}_{1-x}\text{Ca}_4\text{O}(\text{BO}_3)_3$ " JOURNAL OF CRYSTAL GROWTH, vol. 213, No. 3/4, June 1, 2000, pp. 415-418					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 14, 2004